



ATTACHMENT B

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (currently amended) A television system wherein a target region in successive video images is replaced with a matching pattern adapted to be inserted into said target region, said system comprising:

at least one television camera for producing a sequence of video images of a scene as a {clean feed};

a control room located on-site with said at least one camera and including broadcast image processing means for receiving said clean feed and for adding layers of graphics to said clean feed to produce corresponding video images as a {dirty feed} and means for outputting said dirty feed in digital form; and

virtual insertion means, located off-site from said at least one camera, for receiving said dirty feed and for modifying said dirty feed by replacing selected portions of said target region of said video images in said dirty feed with a replacement pattern adapted to be inserted into said target region, said selected portions being only those portions of said target region that are not modified with said added layers of graphics; and

wherein said mobile control room further outputs said clean feed to said virtual insertion means and said virtual insertion means compares said clean feed and said dirty feed and replaces only those portions of said target region that appear both in said dirty feed and said clean feed with said replacement pattern.

2. (canceled)

3. (original) A television system as in claim 1, wherein said mobile control room further outputs data identifying the location of said added graphics and said virtual insertion means replaces only those portions of said target region that have not been modified by said added graphics.

4. (original) A television system as in claim 1, wherein said target region in said video images is in a chroma key color and said added graphics are in a different color and said virtual insertion means replaces only those portions of said target region in said dirty feed that are in said chroma key color.

5. (currently amended) In a television system, a method for replacing a target region in successive video images with a matching pattern adapted to be inserted into said target region, said method comprising:

producing a sequence of video images of a scene as a {clean feed} from at least one television camera;

receiving said clean feed in a control room located on-site with said at least one camera;

adding layers of graphics to said clean feed to produce corresponding video images as a {dirty feed};

outputting said dirty feed in digital form; and

receiving said dirty feed in a virtual insertion means, located off-site from said at least one camera, and modifying said dirty feed by replacing selected portions of said target region of said video images in said dirty feed with a replacement pattern adapted to be inserted into said target region, said selected portions being only those portions of said target region that are not modified with said added layers of graphics; and

outputting said clean feed to said virtual insertion means, comparing said clean feed and said dirty feed, and replacing only those portions of said target region that appear both in said dirty feed and said clean feed with said replacement pattern.

6. (canceled)

7. (original) A method as in claim 5, further comprising outputting data identifying the location of said added graphics from said control room and replacing only those portions of said target region that have not been modified by adding said graphics.

8. (original) A method as in claim 5, further comprising providing said target region in said video images in a chroma key color and said added graphics in a different color and replacing only those portions of said target region in said dirty feed that are in said chroma key color.

9. – 22. (canceled)